

In the Claims:

Please cancel claims 1-15 and 27-40 without prejudice and subject to being re-asserted at a later time.

Please amend the claims to read as follows:

1-15. (Canceled)

16. (Original) A method for identifying an agent that modulates a Gene95 activity, comprising:

a) contacting a test compound with a polypeptide encoded by a polynucleotide corresponding to *gene95* under conditions supporting an activity of said polypeptide; and

b) determining a change in the activity of the polypeptide as a result of said contacting;

wherein said change in activity identifies the test compound as an agent that modulates a Gene95 activity.

17. (Original) The method of claim 16 wherein the determined change in activity in step (b) is a decrease in activity.

18. (Original) The method of claim 16 wherein the determined change in activity in step (b) is an increase in activity.

19. (Original) The method of claim 16 wherein the activity is measured by measuring the activity of an enzyme.

20. (Original) The method of claim 16 wherein the polypeptide is present in a lipid bilayer.

21. (Original) The method of claim 20 wherein the lipid bilayer is part of a liposome.

22. (Original) The method of claim 16 wherein the polypeptide is part of an intact cell.

23. (Original) The method of claim 22 wherein the intact cell is a cell that has been engineered to comprise said polypeptide.

24. (Original) The method of claim 22 wherein the intact cell is a recombinant cell that has been genetically engineered to express said polypeptide.

25. (Original) The process of claim 24 wherein the cell does not express said polypeptide absent said engineering.

26. (Original) The process of claim 22 wherein said cell is a mammalian cell.

27-40. (Canceled)

41. (Original) An isolated polynucleotide comprising a polynucleotide sequence or the full complement of the polynucleotide sequence, wherein the polynucleotide sequence is at least 95% identical to SEQ ID NO: 3.

42. (Original) An isolated polynucleotide comprising a polynucleotide sequence that encodes a polypeptide having the amino acid sequence set forth in SEQ ID NO: 4.

43. (Original) An isolated polynucleotide comprising a polynucleotide that has the sequence set forth in SEQ ID NO: 3.

44. (Original) An isolated polypeptide comprising an amino acid sequence having at least 95% identity with the amino acid sequence set forth in SEQ ID NO: 4.

45. (Original) The isolated polypeptide of claim 44, wherein the isolated polypeptide comprises an the amino acid sequence having at least 95% identity with the amino acid sequence set forth in SEQ ID NO: 4.

46. (Original) An isolated polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 4.

47. (Original) An isolated polypeptide consisting of the amino acid sequence set forth in SEQ ID NO: 4.

48. (Original) A nucleic acid vector comprising the isolated polynucleotide of claim 41.

49. (Original) A recombinant host cell comprising the vector of claim 48.

50. (Original) A method for producing the polypeptide of SEQ ID NO: 4 comprising culturing the host cell of claim 49 under conditions supporting production of the polypeptide.